

REMARKS

In the Office Action dated June 24, 2005, the drawings were objected to; the specification was objected to; claim 11 was objected to; claims 3, 4, and 8 were rejected under 35 U.S.C. § 112, ¶ 2; claims 1, 2, 5, and 10-15 were rejected under § 102(e) over U.S. Patent Application Publication No. 2004/0113641 (Birecki); claims 1-3, 5, 6, and 10-13 were rejected under § 103 over U.S. Patent No. 6,762,402 (Choi); and claims 9 and 18-20 were rejected under § 103 over Choi in view of U.S. Patent No. 5,835,477 (Binnig).

Applicant acknowledges the indication that claims 4, 7, 8, 16, 17, and 21 contain allowable subject matter. Claims 4, 7, 16, and 21 have been amended from dependent form to independent form, to place these claims in condition for allowance.


Claims 4 and 8 have been amended to address the § 112 rejection.

The drawings and specification have been amended to now refer to Figs. 2A and 2B instead of Fig. 2. Also, the designations "I1" and "I2" have been swapped in Figs. 2A-2B.

In view of the amendments, the present application is in condition for allowance. The Commissioner is authorized to charge any additional fees and/or credit any overpayment to Deposit Account No. 08-2025 (200312369-1).

Respectfully submitted,

Date: Sept 12, 2005

  
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AMENDMENTS TO THE DRAWINGS

The drawings have been amended to now refer to Figs. 2A and 2B instead of Fig. 2. Also, the reference designation "I2" in Fig. 2A has been replaced with "I1," and the reference designation "I1" in Fig. 2B has been replaced with "I2." A replacement drawing sheet is attached.